6,779.÷
31.=
218.677419354*

218.677419354×
10.%
21.8677419354*

21.8677419354*
21.8677419354*

Angie

PRETREATMENT MONITORING REPORT NAME Georgia-Pacific LLC **ADDRESS** 297 Ferry Street, Bldg 290, Newark NJ 07105 297 Ferry Street, Bldg 290, Newark NJ 07105 **FACILITY LOCATION** CATEGORY AND SUBPART: N/A OUTLET #: __1 CONTACT OFFICIAL: Paul A. Montney, P.E. TELEPHONE #: (973) 465-4646 NEW CUSTOMER ID/OUTLET ID: 20630007 - 1 OLD OUTLET DESIGNATION: MONITORING PERIOD START END **Average** Maximum 03 1 2009 03 31 2009 Regulated Flow-gal/day 218.68 240.55 MO DAY MO DAY YR YR 218.68 240.55 Total Flow-gal/day Method Used: Flow Meter Reading / 31 Days Production Rate (if applicable): MASS LIMIT OR CONC. SAMPLE TYPE # OF PARAMETER SAMPLES COMP/GRAB MON AVG. MAX. UNITS 0.0000 mg/l 1 **Total Targeted Volatile** Grab 1 Organics (TTVO) < 2.13 mg/l < 2.0 Sample Measurement mg/l 1 24-hour Biological Oxygen Composite Demand (BOD) 500* 1 Permit Requirement mg/l 0.0215 1 Sample Measurement mg/l 24-hour Nickel 5.9 1 Composite mg/l Permit Requirement <0.020 1 Sample Measurement mg/l 24-hour Composite Zinc 1 1.67 Permit Requirement mg/l Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement 2009 Sample Measurement 2nd Input Permit Requirement strial Dept. Sample Measurement 6 Permit Requirement Sample Measurement

PVSC Form MR-1 Rev: 4 6/87

P1 (GP Version)

Permit Requirement
Sample Measurement
Permit Requirement

Sample limit for determination of Usage Fee

Certification of Non-use if applicable (use additional sheets):	APR 2 1	2009
lead and mercury.		1 1 2 2
		- 1
Compliance or non compliance statement with compliance sc		
necessary) for every parameter used: We are in compliance wi	th the local limits for all parameters.	

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal
Executive or Authorized Agent

Paul A. Montney

Director of Remediation

Type Name and Title

4/15/09

Date

PVSC Form MR-1 Rev: 5 3/91 p2 (GP Version)

Georgia - Pacific Newark Groundwater Aeration System Monthly Summary for March, 2009

Pre-treated Groundwater (Effluent) Discharge (Outlet 1)

Effluent Sampling Date: Final Effluent Totalizer Reading:	3/17/2009	004 400	•
•		284,138	
Last Month's Totalizer Reading:	- hly Efflyant Diagharma	277,359	
WON	thly Effluent Discharge:	6,779	gallons
Avg Discharge Flow (gpm):		0.15	
Effluent Discharge Water Quality			
Total Targeted Volatile Organics (TTVO)		
Methylene Chloride		0.000	mg/l
Acetone		0.000	mg/l
Methanol		0.000	mg/l
4-Methyl-2-pentanone (MIBK)		0.000	mg/l
	TTVO =	0.000	mg/l
Biological Oxygen Demand (BOD)		< 2.0	mg/l
<u>Metals:</u>			
Cadmium*		<0.003	ma/l
Copper*		<0.010	-
Lead*		0.0045	mg/l
Mercury*		<0.00020	mg/l
Nickel		0.0215	mg/l
Zinc		<0.020	•
	* = Metal only sampled for it	n March and	September
		NA = No	ot Analyzed
Reporting Month	beginning	end	
month	03	03	1.
day		31	
year	2009	2009	
month ending	3/31/2009		
date of cover letter	April 15, 2009		

Georgia - Pacific Newark Groundwater Aeration System ANALYTICAL DATA SUMMARY

DATE SAMPLED:

3/17/2009

	EFFLUENT
Methylene Chloride	0.000
Acetone	0.000
4-Methyl-2-pentanone (MIBK)	0.000
Methanol	<u>0.000</u>
Total Targeted Volatile Organics (TTVO)	0.000
Biochemical Oxygen Demand (BOD)	< 2.0
Cadmium*	<0.003
Copper*	<0.010
Lead*	0.0045
Mercury*	<0.00020
Nickel	0.0215
Zinc	<0.020

^{* =} Metal is only sampled for in March and September

NOTES:

All concentrations are in mg/l.

NA= Not Analyzed

NW L				CH		5 Route 130	Dayton	, NJ 088	310		D	\mathbf{Y}_{\perp}	era.	EX Tracki			,			W	PA		1 1	OF	1 0	_
	ACCUTES				TEL. 732-	329-0200 www.a			499/3	480				est Quote	•					Ĭ .						
	WWLaborator												Accus	est Cluote						Accuse	st Job #	٥٨	114	334	5	
Company Name	Client / Reporting Inform	mation			Project Nam		roject In	formatic	n ·		A.	7		7	-				Requ	ested /	Analys	s			Matrix Codes	7
TRC						Georg	a-Paci	fic Cor	pora	tlon			4							ļ					DW - Drinking Wate	
	Street West, 2nd Floor				Street								1				i		İ			Į			GW - Ground Wate WW - Water	
City Lyndhurs	Stat	t o	Zp 07071		City	Newar	 k		SI N	ate J			7			l								i I	SW - Surface Wate SO - Soil	
Project Contact Bruce Bai		ai abcock@trcs	olutions o		Project #	40004	0.00000		.03				7	1					İ	_	Ê		_		St Sludge	
Phone #	DCOCK DO	ancock@uca	oreuons.c	OIII	Fax#	109045	.00000	0.0000	03				┥ᇕ	1				5		Copper (< 0.092 ppm)	Cadmium (< 0.005 ppm)	è	(wdd		OI - Oil LIQ - Other Liquid	
(201) 933- Sampler's Name	-5541 x105				Client Purch	(201) 9 nase Order#	33-560	1					Chloride					룝	Ē	2	90	흅	8		AIR - Air	- [
Fred Laut					Collection										l _			Nickel (< 0.02 ppm)	Zinc (< 1.67 ppm)	× 0.0	ž	8	(< 0.001		SOL - Other Solid WP - Wipe	
			SUMMA #		Collection	Γ			- N	nber of	processy ;	ed Bottler	≓ ਨੂੰ	ě	몵		_	3	ž	ber (Į.	¥	ž			Η.
Accutest Sample #	Field ID / Point of Collection	ĺ	MEOH VIALE	Date	Teme	Sampled By	Matrix	#of bottless	귳흏	\$03 4	Š	MEGA	1 2	Acetone	Methanol	MIBK	BOD	불	ZInc	Cop	D S	Lead (< 0.029 ppm)	Mercury		LAB USE ONLY	Y
~1	GP EFF			3/17/05	845	FL	ww	6	6	H			X	X	X	X			-				\exists		447, WC43,	\dashv
-2	GP DISCH EFF			3/17/09		FL	ww	2	1	1	1	H	Ť	Ť	-		Х	х	X					\Box	AMETIS	オ
									\top	П	Ħ	11	1	1										14	ATTO	7
										П	П															┨
									\prod	\prod	\prod	Π		Τ												7
										Ш	Ц															
				· ·					Щ	Ц	Ш			<u> </u>	<u> </u>]
								ш	4	Н	Н	11	1	 	_				_							_
					ļ				4-	Н	₩	11		—												_
									$oldsymbol{+}$	-	╁╂	44	 -	-		_			_					\blacksquare		_
									4	₩	+	₩	+	 -	-											-
- 1	Turnaround Time (Business days)				경기관 등 등 1	 	Data De	iverable	Inform	nation		4	-		.:	لببا		653	-	Comme	ents/R	emarks		Н	17.55.75	\dashv
	X Std. 15 Business Days		Approved By:	/ Date:		Х Соп				ULLC															:	7
	☐ 10 Day RUSH ☐ 5 Day RUSH						mercial ' leduced				Categ				├										i	-
	3 Day EMERGENCY					NJ			_	tata F		., .			<u> </u>											╝
	2 Day EMERGENCY		<u> </u>			Oniv	r	— i	<u> </u>	DD F	ormat	<u>NJ</u>													:	7
	1 Day EMERGENCY					Comm	nercial "A"	" = Resu	its Onl	lv										//=						\dashv
	cy & Rush T/A data available Vi		3v	-															11	<u> </u>	/					╛
Resident	3. 4		Sample Co	ustody mus	st be docum	nented bel	ow each			es ch		75905	sion, in	cluding	couri			- /	11	Receive	180		200	_	10.7	7
	40 13	Tilling	1 ,	UN	N.	200			2	I	14	X/2	W	1			3//	110	7 6. 1	2		\mathcal{V}'	<u>)~</u> :			
bedelupnHePF	by: Date	Hall J	Received By	7-71		IVI			Relinq	(4.1	1	T	T.			D C TI	T		Receive	d By:					7
3 Refinquished	by: Date	Time:	Received By:			-			4 Cueto	dy Seni			-#	+	Preserv	red wher	s applic	able		4 /	,	Ogle	-	Cooler	Temp. // 10/	\dashv
5		<u></u> i	5						L							<u></u>	_1	ps	3/	/7/e	79	Ď	_	-	Temp. 4,000	ā

JA14335: Chain of Custody Page 1 of 2



NAVA 1	1			CH	IAIN 223	O] 5 Route 130				C	D	\mathbf{Y}_{\cdot}										PΑ	\GE	1	OF	1 0/
	ACCUTE	ST.				329-0200		32-329-3		48 0			F	ED-EX 1	racking	í					Bottle (irder Co	introl #			
	WLaborat					www.a	CCUIESLO	ма					^	oculeet (Quote #						Acculed	t Job #	<u>J</u> A	114	33	5
	Client / Reporting I	nformation			Project Nan		roject In	formatic	n .				#							Requ	sted A	nalysi				Matrix Codes
Company Name					Project read		la-Paci	fic Cor	рога	tion							Ì									DW - Drinking Water
Address 1200 Wall	Street West, 2nd Floor				Street																			1	l	GW - Ground Water WW - Water
City Lyndhurs	t	State NJ	Zip 07071		City	Newar	+		Sta N.										1						1	SW - Surface Water
Project Contact		E-mail			Project#								┪				- 1					2				SO - Soil SL- Sludge
Bruce Ba	bgock	bbabcock@tree	solutions.c	om	Fax#	10964	9.00000	0.0000	03				\dashv	ا و	- 1				_		(mc	6	_	(mdd		OI - Oil L!Q - Other Liquid
(201) 933-5541 x105					00-15-1		33-560	1					_	Chloride	- 1	- 1	- 1		bbu	(md	26 E	8	mod (mod	ᅙ		AIR - Air
Sampler's Name Fred Laut					Client Purch	ase Utael #							- [5	1				0.02	67 P	0.0	Š	8	< 0.001	1	SOL - Other Solid WP - Wipe
					Collection				Nun	nber of	preserv	ed Bott		ě	ē.	ᅙ			ž	7 J	¥	Ę	(¢ 0.	چ		*** ********
Accutest Sample #	Field ID / Point of Calleç	tion	SUMMA #	Duto	Типе	Sampled By	Matrix	# of boilties	¥ 5	£03 ₩	NOME	MEGH	ENCOR	Methylene	Acetone	Methano	¥BX	ВОД	Nickel (< 0.02 ppm)	Zinc (< 1.67 ppm)	Copper (< 0.092 ppm)	Cadmium (< 0.005 ppm)	Lead (< 0.029	Mercury		LAB USE ONLY
-1	GP EFF			3/17/65	845	FL	ww	6	6	П		П		X	X	X	X				_					447, WC43.
– <i>ک</i>	GP DISCH EFF			3/17/09	900	FL	ww	2		1	1	П						X	X	X	$\langle \overline{Q} \rangle$	\bigcirc	(V)	\bigcirc		AMETIA
										Ш	П	\prod												3	9	
											П	П											3	1121		
										Щ	\coprod	Ш	\bot]						
		-							Ш	Щ	\sqcup	11		_ _	\dashv			_								
									Ш	Щ	\sqcup	11	4	\perp	_	_	_					_				
									4	\vdash	+	11	4	\dashv	4	-									Ш	·
		·							4	Н-	₩	₩	4		4	4	4					_				·
									+	Н-	╂┼	₩	+	-+	\dashv		\dashv		-							
					<u> </u>			-1	+	H	╁┼	╁	+	+	+	+	-				\dashv	-	_	· ·		·
N 16 1	Turnaround Time (Business da	iys)				58. A.2 (8	Data De	iverable	Inform	nation	-	11									Comme	nts / Re	emarks		-	
	X Std. 15 Business Days		Approved By:	: / Data:		_	mercial '			ULL C					T								·			
	☐ 10 Day RUSH ☐ 5 Day RUSH					_	mercial ' teduced				Catego				H	_										
1	3 Day EMERGENCY			 -		NJF			∃`ա			.,,							•							
	2 Day EMERGENCY					☐ o#ne	ır				ormat	N.	<u>) </u>		Г											
,	1 Day EMERGENCY					Comm	nercial "A"	= Resu	its Onli						\vdash						/a	-				
	cy & Rush T/A data availabl		IV -																	_1)3	1)/					
	4		Sample C	ustody mus	t be docum	ied betne	ow each	time s	umple Religa			0890	ssion	, inclu	ding c	ourie			/	7	90.92 5	_				A STATE OF THE STA
1 7-2	40	3/17/109	1	UN	N.	Sus			2	\mathcal{I}] /\$	$\langle 2 \rangle$	1	11	1		ľ	3//	7/0	9	Receive 2	ı ey:	Pγ)~·		
Relinguished	by:		Received By	771		701			Relinq	0	A.	٢	1	7	Π		7	Tin	7	7	teceive	By:				1
Relinguished	by:	Date Time:	Received By:			-			4 Custod	y 5+al			-#		P,	900TV94	where	apelic	abie /		4 /		Oglo		Coole	Temp. // 60/
5	•		5								-						الله ا		195	3/1	7/e	9	ô	_	-	4.0
A																				7-						

JA14335: Chain of Custody Page 2 of 2



LABORATORY

RESULTS

e-Hardcopy 2.0 **Automated Report**



04/07/09



Technical Report for

TRC

Georgia Pacific Corporation, Newark, NJ

109649.0000000.000003

Accutest Job Number: JA14335

Sampling Date: 03/17/09

Report to:

bbabcock@trcsolutions.com

ATTN: Distribution6

Total number of pages in report: 11





Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

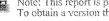
VP Ops, Laboratory Director

Client Service contact: Marie Meidhof 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

New Jersey • 2235 Route 130 • Dayton, NJ 08810 • tel: 732-329-0200 • fax: 732-329-3499 • http://www.accutest.com



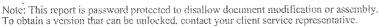




Table of Contents









Sample Summary

TRC

Job No:

JA14335

Georgia Pacific Corporation, Newark, NJ Project No: 109649.0000000.000003

Sample Number	Collected Date	Time By	Mat Received Cod		Client Sample ID	
JA14335-1	03/17/09	08:45 FL	03/17/09 AQ	Water	GP EFF	1 1 1
JA14335-2	03/17/09	09:00 FL	03/17/09 AQ	Water	GP DISCH EFF	





Section 2



				ul	

Report of Analysis



Report of Analysis

Page 1 of 1

Client Sample ID: GP EFF Lab Sample ID: JA14335-1

File ID

T131112.D

Matrix:

AQ - Water

EPA 624

Date Sampled: Date Received:

03/17/09 03/17/09

Method: Project:

Georgia Pacific Corporation, Newark, NJ

Percent Solids:

n/a

Analytical Batch

Run #1 Run #2 DF 1

4-Bromofluorobenzene (SUR) 95%

Analyzed 03/23/09

By **NMC** Prep Date n/a

72-122%

Prep Batch n/a

VT5088

Purge Volume

Run #1 5.0 ml

Run #2

460-00-4

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1 108-10-1 75-09-2	Acetone 4-Methyl-2-pentanone(MIBK) Methylene chloride	ND ND ND	5.0 5.0 1.0	1.9 0.60 0.12	ug/l ug/l ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limi	ts	
17060-07-0 2037-26-5	1,2-Dichloroethane-D4 (SUR) Toluene-D8 (SUR)	118% 99%		64-13 76-11		

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

E = Indicates value exceeds calibration range

B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound



Report of Analysis

Page 1 of 1

Client Sample ID: **GP EFF**

Lab Sample ID:

JA14335-1

Matrix: Method: AQ - Water

SW846-8015 (DAI)

Date Sampled: Date Received:

03/17/09 03/17/09

Percent Solids:

Project:

Georgia Pacific Corporation, Newark, NJ

n/a

Q

Analytical Batch

File ID DF Analyzed By Prep Date Prep Batch Run #1 GH66263.D 03/26/09 **XPL** 1 n/a n/a

Run #2

CAS No.

Result

RL

MDL

Units

GGH2879

67-56-1

CAS No.

Compound

Methanol

Surrogate Recoveries

ND

200

56

ug/l

Run# 1 Run#2 Limits

111-27-3 111-27-3 Hexanol Hexanol 123% 98%

54-148% 54-148%

ND = Not detected

RL = Reporting Limit E = Indicates value exceeds calibration range

MDL - Method Detection Limit

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis

Page 1 of 1

Client Sample ID: **GP DISCH EFF**

Lab Sample ID: Matrix:

JA14335-2 AQ - Water Date Sampled:

03/17/09 Date Received: 03/17/09 Percent Solids: n/a

Project:

Georgia Pacific Corporation, Newark, NJ

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 3
Copper	< 10	10	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Lead	4.5	3.0	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Mercury	< 0.20	0.20	ug/l	1	04/01/09	04/01/09 JF	EPA 245.1 ²	EPA 245.1 ⁴
Nickel	21.5	20	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Zinc	< 20	20	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³

(1) Instrument QC Batch: MA22327 (2) Instrument QC Batch: MA22364 (3) Prep QC Batch: MP47583 (4) Prep QC Batch: MP47715

RL = Reporting Limit





Section 3



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

• Chain of Custody

